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TI Agents for improved **dewatering** efficiency in industrial waste treatment
IN Oogawara, Tadayoshi; Sugo, Etsuko
PA Enzeru Sogo Kenkyusho Jugen, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
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AB The title agents useful for **dewatering** of industrial wastes, especially from food processing, **beer** brewing or papermaking plants comprise (1) alkaline earth metal and/or transition metal salts of carbonates, bicarbonates, lactates, nitrates, phosphates, sulfates, benzoates, or sorbates 100, (2) a water-soluble compound having hydrophilic and oleophilic functional groups 0.1-20, and (3) macromonomers having cationic or anionic groups 0.1-10 weight parts. The water-soluble compds. are preferably dodecylbenzenesulfonate Na salt, di-Me acrylamide, sorbitan fatty acid Na salts, polyethylene glycol monoacrylate or polyethylene glycol dimethacrylate.

IC ICM C02F011-14
ICS B09B003-00; B09B005-00; C05F005-00; C08K003-00; C08K005-00; C08L101-00
CC 60-4 (Waste Treatment and Disposal)
Section cross-reference(s): 16, 17, 43
ST food manuf waste treatment **dewatering agent**; brewery waste malodor rottenness suppression; tofu waste **dewatering** malodor rottenness prevention; recycling food industry waste **dewatering agent**; **feed** manuf recycling waste
IT Deodorants
Paper
Recycling
Wastes
(agents for improved **dewatering** efficiency in industrial waste treatment)
IT Toilets
(for animal pet; agents for improved **dewatering** efficiency in industrial waste treatment)
IT Brewing
(less; agents for improved **dewatering** efficiency in industrial waste treatment)
IT Soybean curd
(residue; agents for improved **dewatering** efficiency in industrial waste treatment)
IT **Bentonite**, processes
RL: NUU (Other use, unclassified); PEP (Physical, engineering or chemical process); PROC (Process); USES (Uses)
(waste; agents for improved **dewatering** efficiency in industrial waste treatment)
IT Sulfonic acids, uses
RL: NUU (Other use, unclassified); USES (Uses)
(1-alkene, sodium salts, agents for improved **dewatering** efficiency in industrial waste treatment)
IT Hydrosme rivieri
(konnyaku, agents for improved **dewatering** efficiency in industrial waste treatment)
IT Alkenes, uses